

STATINTL

Friday, Aug. 2, 1963

HTA/5 Film Processor

[REDACTED]

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[REDACTED]

File

Discussions were with:

[REDACTED]

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Slowly but surely they are finding the problems and working them out. The engineers have organized into two shifts and Howard and Ivan were taking over nights. The Company is putting a high priority on the completion of this machine.

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Monday night they ran about 10,000 feet of film thru Successfully. They used all kinds and widths, even paper. They are presently having trouble with the film fluttering as it goes over the crossover air bearings between tanks. The air bearings in the accumulator and the dryer are working well,

The single cabinet dryer was drying the film at 30 fpm which is extremely good.

A good part of their trouble was due to under capacity pumps, both air and liquid. Part of this was due to the pumps not performing up to their ratings,. To feed the upper crossover air bearings, they took out the 2 HP blower and they now have a 10 HP blower. At 3000 rpm it delivers 1740 cfm at 20" head. This more than adequate.

They doubled up on the pumps for the liquid bearings/ They put in spearate pumps for the upper bearings and the lower bearings.

HF has made 2 supply-film carts which they will deliver with this machine. The carts are sort of big and awkward, but they will work OK, I guess. I think the machine whould have provision for using the stand-ard mag_azine which holds 1000 ft. spools at the supply end, but it does not.

At the take up end, they have a dual spool arrangement with integral sutter which is quite good,. It is fast even tho a bit unbalanced when it has a full spool and empty spool on it.

There were about a dozen people in to see the machine Thurs. 8/1. [REDACTED]

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[REDACTED] and some others from Wright Field. They were unhappy because the Controllable Processor is not making nearly as much progress as the HTA/5.

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[REDACTED] expects to start running sensitometric tests next week. The March Field people did not come in to see the machine Thurs 8/1 since [REDACTED] was not ready for them. [REDACTED] will call [REDACTED] when they are ready to run their final tests.

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